

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 10/526,369  
Source: PCT  
Date Processed by STIC: 03/06/2006

# ***ENTERED***



PCT

## RAW SEQUENCE LISTING

DATE: 03/06/2006

PATENT APPLICATION: US/10/526,369

TIME: 15:58:56

Input Set : A:\2005-10-19 1422-0666PUS1.ST25.txt

Output Set: N:\CRF4\03062006\J526369.raw

3 <110> APPLICANT: Iwao KATSUYAMA et al.  
 5 <120> TITLE OF INVENTION: METHOD OF SCREENING PHYSIOLOGICALLY ACTIVE SUBSTANCE  
 7 <130> FILE REFERENCE: 1422-0666PUS1  
 9 <140> CURRENT APPLICATION NUMBER: US 10/526,369  
 10 <141> CURRENT FILING DATE: 2005-03-03  
 12 <150> PRIOR APPLICATION NUMBER: PCT/JP2003/011329  
 13 <151> PRIOR FILING DATE: 2003-09-05  
 15 <160> NUMBER OF SEQ ID NOS: 9  
 17 <210> SEQ ID NO: 1  
 18 <211> LENGTH: 138  
 19 <212> TYPE: PRT  
 20 <213> ORGANISM: Homo sapiens  
 22 <400> SEQUENCE: 1  
 23 Met Gln Leu Glu Ile Gln Val Ala Leu Asn Phe Ile Ile Ser Tyr Leu  
 24 1 5 10 15  
 26 Tyr Asn Lys Leu Pro Arg Arg Arg Val Asn Ile Phe Gly Glu Glu Leu  
 27 20 25 30  
 29 Glu Arg Leu Leu Lys Lys Lys Tyr Glu Gly His Trp Tyr Pro Glu Lys  
 30 35 40 45  
 32 Pro Tyr Lys Gly Ser Gly Phe Arg Cys Ile His Ile Gly Glu Lys Val  
 33 50 55 60  
 35 Asp Pro Val Ile Glu Gln Ala Ser Lys Glu Ser Gly Leu Asp Ile Asp  
 36 65 70 75 80  
 38 Asp Val Arg Gly Asn Leu Pro Gln Asp Leu Ser Val Trp Ile Asp Pro  
 39 85 90 95  
 41 Phe Glu Val Ser Tyr Gln Ile Gly Glu Lys Gly Pro Val Lys Val Leu  
 42 100 105 110  
 44 Tyr Val Asp Asp Asn Asn Glu Asn Gly Cys Glu Leu Asp Lys Glu Ile  
 45 115 120 125  
 47 Lys Asn Ser Phe Asn Pro Glu Ala Gln Val  
 48 130 135  
 50 <210> SEQ ID NO: 2  
 51 <211> LENGTH: 19  
 52 <212> TYPE: PRT  
 53 <213> ORGANISM: Homo sapiens  
 55 <400> SEQUENCE: 2  
 56 Tyr Glu Gly His Trp Tyr Pro Glu Lys Pro Tyr Lys Gly Ser Gly Phe  
 57 1 5 10 15  
 59 Arg Cys Ile  
 61 <210> SEQ ID NO: 3  
 62 <211> LENGTH: 21  
 63 <212> TYPE: PRT  
 64 <213> ORGANISM: Homo sapiens

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66 &lt;400&gt; SEQUENCE: 3

67 Leu Pro Gln Asp Leu Ser Val Trp Ile Asp Pro Phe Glu Val Ser Tyr  
68 1 5 10 15

70 Gln Ile Gly Glu Lys

71 20

73 &lt;210&gt; SEQ ID NO: 4

74 &lt;211&gt; LENGTH: 285

75 &lt;212&gt; TYPE: PRT

76 &lt;213&gt; ORGANISM: Homo sapiens

78 &lt;400&gt; SEQUENCE: 4

79 Met Pro Ala Glu Thr Val Asp His Ser Gln Arg Ile Cys Glu Val Trp  
80 1 5 10 1583 Ala Cys Asn Leu Asp Glu Glu Met Lys Lys Ile Arg Gln Val Ile Arg  
84 20 25 3087 Lys Tyr Asn Tyr Val Ala Met Asp Thr Glu Phe Pro Gly Val Val Ala  
88 35 40 4591 Arg Pro Ile Gly Glu Phe Arg Ser Asn Ala Asp Tyr Gln Tyr Gln Leu  
92 50 55 6095 Leu Arg Cys Asn Val Asp Leu Leu Lys Ile Ile Gln Leu Gly Leu Thr  
96 65 70 75 8099 Phe Met Asn Glu Gln Gly Glu Tyr Pro Pro Gly Thr Ser Thr Trp Gln  
100 85 90 95103 Phe Asn Phe Lys Phe Asn Leu Thr Glu Asp Met Tyr Ala Gln Asp Ser  
104 100 105 110107 Ile Glu Leu Leu Thr Thr Ser Gly Ile Gln Phe Lys Lys His Glu Glu  
108 115 120 125111 Glu Gly Ile Glu Thr Gln Tyr Phe Ala Glu Leu Leu Met Thr Ser Gly  
112 130 135 140115 Val Val Leu Cys Glu Gly Val Lys Trp Leu Ser Phe His Ser Gly Tyr  
116 145 150 155 160119 Asp Phe Gly Tyr Leu Ile Lys Ile Leu Thr Asn Ser Asn Leu Pro Glu  
120 165 170 175123 Glu Glu Leu Asp Phe Phe Glu Ile Leu Arg Leu Phe Phe Pro Val Ile  
124 180 185 190127 Tyr Asp Val Lys Tyr Leu Met Lys Ser Cys Lys Asn Leu Lys Gly Gly  
128 195 200 205131 Leu Gln Glu Val Ala Glu Gln Leu Glu Leu Glu Arg Ile Gly Pro Gln  
132 210 215 220135 His Gln Ala Gly Ser Asp Ser Leu Leu Thr Gly Met Ala Phe Phe Lys  
136 225 230 235 240139 Met Arg Glu Met Phe Phe Glu Asp His Ile Asp Asp Ala Lys Tyr Cys  
140 245 250 255143 Gly His Leu Tyr Gly Leu Gly Ser Gly Ser Ser Tyr Val Gln Asn Gly  
144 260 265 270147 Thr Gly Asn Ala Tyr Glu Glu Glu Ala Asn Lys Gln Ser  
148 275 280 285

151 &lt;210&gt; SEQ ID NO: 5

152 &lt;211&gt; LENGTH: 30

153 &lt;212&gt; TYPE: DNA

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154 <213> ORGANISM: Artificial Sequence
156 <220> FEATURE:
157 <223> OTHER INFORMATION: PCR primer to amplify tob gene
159 <400> SEQUENCE: 5
160 cccggatcca tgcagcttga aatccaagta 30
162 <210> SEQ ID NO: 6
163 <211> LENGTH: 30
164 <212> TYPE: DNA
165 <213> ORGANISM: Artificial Sequence
167 <220> FEATURE:
168 <223> OTHER INFORMATION: PCR primer to amplify tob gene
170 <400> SEQUENCE: 6
171 cccgtcgacg ttagccataa caggctggaa 30
173 <210> SEQ ID NO: 7
174 <211> LENGTH: 21
175 <212> TYPE: DNA
176 <213> ORGANISM: Artificial Sequence
178 <220> FEATURE:
179 <223> OTHER INFORMATION: PCR primer to amplify lck gene
181 <400> SEQUENCE: 7
182 atgggctgtg gctgcagctc a 21
184 <210> SEQ ID NO: 8
185 <211> LENGTH: 30
186 <212> TYPE: DNA
187 <213> ORGANISM: Artificial Sequence
189 <220> FEATURE:
190 <223> OTHER INFORMATION: PCR primer to amplify lck gene
192 <400> SEQUENCE: 8
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195 <210> SEQ ID NO: 9
196 <211> LENGTH: 30
197 <212> TYPE: DNA
198 <213> ORGANISM: Artificial Sequence
200 <220> FEATURE:
201 <223> OTHER INFORMATION: PCR primer to amplify lckYF gene
203 <400> SEQUENCE: 9
204 cccgtcgaca ggctgaggct gaaactggcc 30

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**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/526,369

DATE: 03/06/2006

TIME: 15:58:57

Input Set : A:\2005-10-19 1422-0666PUS1.ST25.txt

Output Set: N:\CRF4\03062006\J526369.raw